

Sunny Apex

100W Solar Module

High Efficiency Back-Contact

- ☉ Product is certified to IEC 61215 and 61730 by TÜV Nord
- Aesthetically using clear surface back-contact cells
- ☉ Cells with High conversion efficiency up to 23%
- Anodized aluminum improving corrosion resistance
- ☉ Excellent performance under low light conditions

✦ **Your best choice for off-grid solar application !** ✦



Electrical Specifications

Model Type	SA-IH100
Peak Power (Pmax)	100W
Module Efficiency	18.90%
Maximum Power Voltage (Vmp)	17.7V
Maximum Power Current (Imp)	5.70A
Open Circuit Voltage (Voc)	21.2V
Short Circuit Current (Isc)	6.10A
Power Tolerance	-5% / + 10%
Maximum System Voltage	70V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

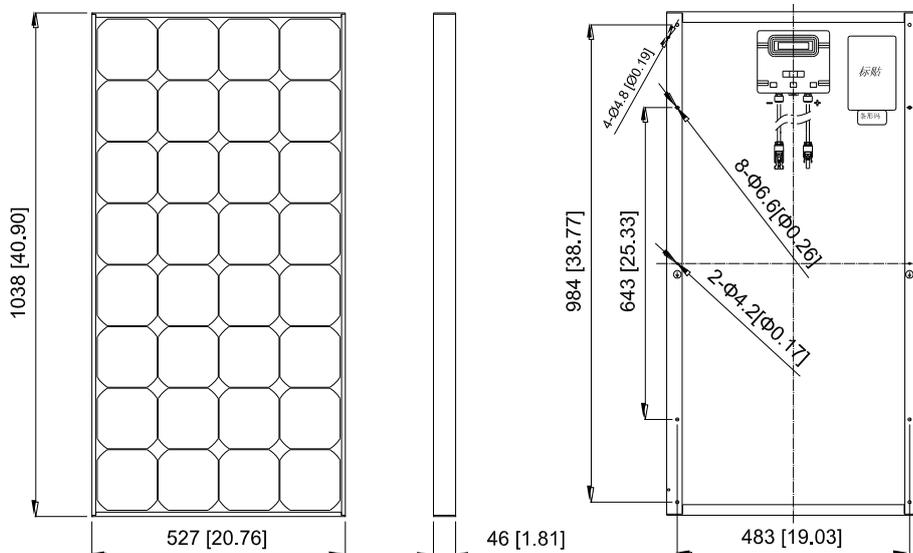
Cell type	Back contact high eff. Mono
Number of cells	32 cells in series
Weight	8.2kg [18.08lbs]
Dimensions	1038 x 527 x 46 mm [40.9 x 20.76 x 1.81 in]
Frame	> 15µm clear anodized aluminum
Junction Box	Tyco (IP 65 waterproof)
Cables	4.00mm ² , 1000mm
Connectors	MC4

Temperature Coefficients

Power	-0.32% / °C
Voltage	-1.8mV / °C

Warranties & Certifications

Warranties	5 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
Certificates	IEC 61215 & 61730



Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

Caution: Read Safety and Installation Instruction before using this product.

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